

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070319\
 Data File : VD063019.D
 Acq On : 3 Jul 2019 12:25
 Operator : VA/AP
 Sample : VD0703SBSD01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0703SBSD01

Quant Time: Jul 04 00:45:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	938897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1239492	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1064437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	549041	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	505925	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	6.93	113	525347	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.41	98	1164919	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	13.55	95	517791	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	232198	19.111	ug/l	100
3) Chloromethane	1.75	50	178961	19.586	ug/l	99
4) Vinyl Chloride	1.85	62	177694	19.614	ug/l	99
5) Bromomethane	2.15	94	70702	16.664	ug/l	86
6) Chloroethane	2.26	64	85507	20.847	ug/l	99
7) Trichlorofluoromethane	2.53	101	345639	18.852	ug/l	100
8) Diethyl Ether	2.87	74	45770	19.647	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.15	101	215461	21.692	ug/l	97
10) Methyl Iodide	3.30	142	245689	18.749	ug/l	99
11) Tert butyl alcohol	4.10	59	49964	107.493	ug/l #	91
12) 1,1-Dichloroethene	3.12	96	152413	20.454	ug/l	98
13) Acrolein	3.04	56	31447	66.271	ug/l	87
14) Allyl chloride	3.61	41	231970	21.069	ug/l	95
15) Acrylonitrile	4.20	53	115261	105.532	ug/l	92
16) Acetone	3.23	43	203868	94.144	ug/l	98
17) Carbon Disulfide	3.37	76	428702	18.002	ug/l	96
18) Methyl Acetate	3.65	43	87986	28.559	ug/l	97
19) Methyl tert-butyl Ether	4.24	73	342505	21.233	ug/l	99
20) Methylene Chloride	3.82	84	158482	20.362	ug/l	94
21) trans-1,2-Dichloroethene	4.21	96	162029	20.422	ug/l	93
22) Diisopropyl ether	5.13	45	469569	20.971	ug/l	98
23) Vinyl Acetate	5.06	43	1355678	96.758	ug/l	99
24) 1,1-Dichloroethane	4.99	63	298002	20.441	ug/l	98
25) 2-Butanone	6.07	43	197072	103.245	ug/l #	90
26) 2,2-Dichloropropane	6.03	77	298516	19.319	ug/l	96
27) cis-1,2-Dichloroethene	6.04	96	167212	19.929	ug/l	93
28) Bromochloromethane	6.44	49	111545	21.725	ug/l	92
29) Tetrahydrofuran	6.48	42	96022	106.323	ug/l	98
30) Chloroform	6.66	83	372272	20.997	ug/l	98
31) Cyclohexane	6.95	56	180491	18.833	ug/l	96
32) 1,1,1-Trichloroethane	6.87	97	363228	19.670	ug/l	93
36) 1,1-Dichloropropene	7.14	75	238653	20.339	ug/l	100
37) Ethyl Acetate	6.19	43	100549	19.733	ug/l #	94
38) Carbon Tetrachloride	7.12	117	359137	20.351	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	210117	20.344	ug/l	96
40) Benzene	7.46	78	511123	21.701	ug/l	92
41) Methacrylonitrile	6.45	41	129702	20.961	ug/l	96
42) 1,2-Dichloroethane	7.58	62	269369	20.965	ug/l	98
43) Isopropyl Acetate	9.24	43	147982	24.056	ug/l #	95
44) Trichloroethene	8.54	130	199943	21.654	ug/l	92
45) 1,2-Dichloropropane	8.95	63	116630	19.914	ug/l	99
46) Dibromomethane	9.06	93	108346	21.536	ug/l	94
47) Bromodichloromethane	9.38	83	281113	21.515	ug/l #	96
48) Methyl methacrylate	9.12	41	86138	19.705	ug/l	90
49) 1,4-Dioxane	9.07	88	18434	506.862	ug/l #	75
51) 4-Methyl-2-Pentanone	10.30	43	486074	111.450	ug/l	100
52) Toluene	10.51	92	329615	20.819	ug/l	96
53) t-1,3-Dichloropropene	10.91	75	220705	20.638	ug/l	92
54) cis-1,3-Dichloropropene	10.04	75	236088	20.311	ug/l	95
55) 1,1,2-Trichloroethane	11.19	97	113124	20.797	ug/l	96
56) Ethyl methacrylate	11.04	69	124890	21.485	ug/l	95
57) 1,3-Dichloropropane	11.41	76	163753	19.662	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.86	63	329770	110.502	ug/l	95
59) 2-Hexanone	11.54	43	346332	111.500	ug/l	96
60) Dibromochloromethane	11.68	129	219518	21.667	ug/l	94
61) 1,2-Dibromoethane	11.81	107	136158	21.195	ug/l	99
64) Tetrachloroethene	11.26	164	171080	19.528	ug/l	98
65) Chlorobenzene	12.40	112	401282	20.313	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.52	131	179258	19.403	ug/l	87
67) Ethyl Benzene	12.53	91	722436	20.369	ug/l	99
68) m/p-Xylenes	12.67	106	474863	38.441	ug/l	96
69) o-Xylene	13.05	106	232923	20.626	ug/l	97
70) Styrene	13.07	104	409002	20.620	ug/l	98
71) Bromoform	13.24	173	121859	19.252	ug/l	94
73) Isopropylbenzene	13.41	105	713841	20.278	ug/l	96
74) N-amyl acetate	13.27	43	188071	21.999	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	130078	22.678	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	138511	21.853	ug/l	95
77) Bromobenzene	13.67	156	199226	21.040	ug/l	93
78) n-propylbenzene	13.77	91	900807	21.985	ug/l	93
79) 2-Chlorotoluene	13.84	91	506882	21.647	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	644215	21.786	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.47	75	34520	20.781	ug/l	99
82) 4-Chlorotoluene	13.95	91	632593	22.440	ug/l	96
83) tert-Butylbenzene	14.19	119	675260	20.487	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	655178	21.618	ug/l	98
85) sec-Butylbenzene	14.37	105	779945	21.772	ug/l	93
86) p-Isopropyltoluene	14.49	119	705972	21.542	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	371635	21.895	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	344613	20.214	ug/l	98
89) n-Butylbenzene	14.80	91	642013	20.931	ug/l	96
90) Hexachloroethane	15.01	117	196778	22.332	ug/l	87
91) 1,2-Dichlorobenzene	14.81	146	312325	21.507	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	25295	22.594	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	250447	22.077	ug/l	98
94) Hexachlorobutadiene	16.04	225	191236	22.066	ug/l	96
95) Naphthalene	16.12	128	348119	21.894	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	193033	22.147	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

